# GSM/GPRS Digital Mobile Phone User Manual

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# Welcome

Thanks for purchasing the BD25 series color screen mobile phone. Please read this user guide to understand the operation of this device and appreciate its perfect functions and simple operation methods.

This mobile phone is a bar phone designed for GSM/GPRS network. Besides basic communication functions, it provides you 11 languages input method, phonebook, personalized 64-chord ring tones, caller ring tone, caller picture, camera, MP3 player, video player, U-disk, recorder, calculator, schedule power on/off, GPRS service, MMS, hands-free communication, etc, providing convenience for your work and entertainment. Allow you to understand the operation of the mobile phone completely with this user guide.

The BD25 color screen mobile phone accords with the GSM Technical Specification and are approved by domestic and foreign authoritative organizations.

The contents of this user guide are subject to changes without prior notices.

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# Safety Instructions

- If your device is lost or stolen, please contact your service provider or a sales agent immediately to restrict your SIM card from being used. This will prevent economic loss caused by unauthorized calls made from your mobile phone.
- When you contact the service provider or a sales agent, tell them the IMEI number of your mobile phone. Remove the battery to expose the number located on the label on the back of the device. Please copy this number and keep it in a safe place for future use.
- In order to avoid the misuse of your mobile phone, please take the following preventative measures:
  - Set the PIN code of your device's SIM card. This code may prevent the SIM card from unauthorized use.
  - Please keep the phone out of sight if leaving it in a vehicle. It is best to carry it on or lock it in the trunk.

# Safety Warnings and Precautions

Please read these safety notices before using your mobile phone to assure the safe and proper use of the phone.

## General Notices

- Turn off your mobile phone on airplanes, in hospitals and in other places with mobile phone use restricted. Otherwise, the normal operation of electrical equipment and medical instruments will be affected. Please obey local regulations while using your mobile phone.
- Obey local laws and regulations with regard to mobile phone use while driving. If you have to talk on the phone while driving, obey the following rules: Concentrate on driving and be aware of traffic conditions; if your mobile phone has a hands-free function, use it in this mode; stop the car before you dial or pick up the phone in case of poor driving conditions.
- Obey laws, regulations, and signs when near an area storing fuel, chemicals, or explosive articles.
- Keep your device, battery, and charger out of the reach of small children. They may mistake them as tools. This may cause injuries.
- In order to prevent damages to your mobile phone, only accessories, such as batteries and chargers, designated by the company may be used with

your phone. The use of other batteries or chargers could result in battery leakage, overheating, cracking, fire, or other malfunctions.

- Do not use the device near weak signals or precision electronic equipment. Radio wave interference may cause the failure of such electronic equipment and other problems. Special attention must be paid near the following equipment: hearing aids, pacemakers, and other electronic medical equipment, fire detectors, automatic doors, and other automatic control installations. To find out the influence of mobile phones on a pacemaker or other piece of electronic medical equipment, contact the manufacturers or local sales agents of the equipment.
- Do not impacts, shake, or throw your device violently, avoiding it from malfunction or a fire.
- Do not place the battery, mobile phone, or charger in a microwave oven or high-pressure equipment. This may lead to unexpected accidents such as damage to the circuitry or fire.
- Do not use your device near flammable or volatile gases. This could result in failure of the device or a fire.
- Do not expose your mobile phone to high temperatures, high humidity, or dusty places. This may cause failure of the device.
- Do not place your phone on uneven or unstable surfaces, preventing it from falling and malfunctioning or being damaged.

# 1. About the device

- Do not disassemble or modify the mobile phone. This will cause damage to the phone, such as battery leakage or circuitry failure. If needed, please send the device to a professional maintenance point. Nonprofessionals are not allowed to disassemble the device on their own.
- Do not subject the LCD to impact or use it to strike things. This could damage the LCD board and cause leakage of the liquid crystal. There is a risk of blindness if the liquid crystal substance gets into the eyes. It this occurs, rinse eyes immediately with clean water (under no circumstances rub your eyes) and go immediately to a hospital for treatment.
- Under very rare circumstances, using the device in certain model cars may negatively affect the internal electronic equipment. In order to assure your safety in such cases, do not use the mobile phone.
- If your car is equipped with an airbag, do not place your phone on top of or within the contact area of the airbag in order to avoid seriously hurts towards the driver when the airbag inflates.
- Do not use needles, pen tips, or other sharp objects on the keypad. This may damage the mobile phone or cause failures.
- Avoid letting the phone come into close contact with magnetic objects

such as magnetic cards, as the radiation waves of the mobile phone may erase the information stored on floppy disks, pre-paid phone cards, and credit cards.

- Keep small metal objects, like thumbtacks, far away from the receiver. When the speaker is in use, it becomes magnetic and may attract these small metal objects and thus may cause injury or damage the mobile phone.
- Keep the device dry and away from water or other liquids. The entering of liquids into the phone could cause short circuit, battery leak, or other failures.
- Use the mobile phone in a place away from fixed line telephones, televisions, radios, and automatic office equipment as much as possible to prevent them from being affected.

# 2. About the battery

- Do not disassemble or modify the battery. This will cause the battery to leak, overheat, crack, or catch fire.
- Do not dispose of old batteries with general domestic garbage. Dispose of them at specified places with specific corresponding rules.
- Do not throw batteries into a fire. This could cause the battery to catch fire and explode.
- While installing the battery, do not use force or pressure. This could cause the battery to leak, overheat, crack, or catch fire.
- Do not short-circuit the battery with metal objects like electrical wire and needles. Do not put the battery and metal objects together. This may cause the battery to leak, overheat, crack, or catch fire.
- Do not solder the contact points of the battery. This will cause the battery to leak, overheat, crack, or catch fire.
- If the liquid in the batteries goes into the eyes, there is a risk of blindness. Do not rub the eyes upon this case and immediately rinse eyes with clean water and go to hospital.
- Do not use or place the battery near high temperature places, such as a fire or heating vessel. This may cause the battery to leak, overheat, crack, or catch fire.
- If the battery overheats, changes in color, or deforms during use, charging, or storage, stop using and replace it with a new one.
- If the liquid from the battery contacts skin or clothing, rinse with clean water and seek medical attention immediately if necessary, as this could cause burning of the skin.
- If the battery leaks or gives off a strange odor, remove it from the vicinity of the open fire to avoid fire or explosion.

- Keep the battery dry. Otherwise, the battery may overheat, smoke, and corrode due to the dampness inside.
- Do not use or place batteries in places of high temperature such as in direct sunlight. This could cause the battery to leak and overheat, lowering the performance and shortening the service life.
- Do not continuously charge for more than 24 hours.
- Place the battery in a cool, shady, and well-ventilated place out of direct sunlight.
- The life of all mobile phone batteries is limited. The usable time of batteries decreases with frequent charging. When charging becomes ineffective, this means that the battery is at the end of its service life. Replace it with a new one of the designated type.

# 3. About the charger

- Do not disassemble or modify the charger. This may lead to bodily injury, electrical shock, fire, or damage to the charger.
- Please use AC 220 volts. The use of any other voltage will cause battery leakage, fire, and damages to the mobile phone and charger.
- It is forbidden to short circuit the charger. This could cause electrical shock, smoking, and damage to the charger.
- Do not use the charger if the power cord is damaged. This could cause fire or electrical shock.
- Clean any dust gathered on the electrical outlet in time.
- Do not place vessels with water near the charger in order to avoid water splashing onto the charger and causing an electrical shortage, leakage or other malfunctions.
- If the charger contacts water or other liquids, the power must immediately be switched off to avoid a short circuit, fire, electrical shock, or malfunction of the charger.
- Do not use the charger in the bathroom or other excessively moist areas. This could cause electrical shock, fire, or damage to the charger.
- Do not touch the charger, electrical wire, and power socket with wet hands. This may cause electrical shock.
- Do not place heavy objects on or modify the power cord. This may cause electrical shock and fire.
- Before cleaning or carrying out maintenance, unplug the charger from the electrical outlet.
- While unplugging the charger, hold on to the body of the charger rather than pull on the cord, as pulling on the cord may damage the cord and lead to electrical shock or fire.
- Do not charges in high temperature environment like direct sunlight,

moist or humid, dusty places or places with excessive vibration, which may cause failure; or near appliances, such as televisions and radios, as the picture and sound effect may be affected.

# 4. Cleaning and maintenance

- Do not use the mobile phone, battery, and charger in the bathroom or other excessively moist areas. Avoid them to get wet in the rain as well.
- Use a soft and dry cloth to clean the mobile phone, battery, and charger.
- Do not use alcohol, thinner, benzene or other solvents to wipe the mobile phone.
- A dirty outlet will cause poor electrical contact, loss of power and even inability to recharge. Please clean regularly.

# Getting Started

# 1. The battery

The battery owns half electric quantity initially, can be immediately used after unpacking. It performs best after full charge/discharge for the first three times.

## 1.1Removing and installing the battery

To Remove the battery, follow the steps below:
A. Loosen the screws, and Remove the battery cover downwards;
B. Raise the top of the battery;
C. Take it out from the battery flat.
**Warning**: Power off the device first or change to assistant battery before taking the SIM card out; otherwise, your SIM card may be damaged.

To install the battery, follow the steps below:
D. Insert the bottom of the battery into the flat with top metal contact of the battery aligned with that of the flat;
E. Slide the back cover to the phone until it closes in place.

## 1.2 Charging the battery

In charging mode, the battery indicator flashes. If the device is switched off during charging, a charging indicator appears on the screen, indicating that the battery is being charged. If the battery is totally discharged, it may take a few minutes before the charging indicator shows.
When the battery is fully charged, the indicator displays full battery and stops scrolling. If your device is turned off, an image indicating that the battery is fully charged appears on the screen. Generally, the charge process takes two and half an hour. During the charge process, your battery, device, and the

charger may become warm. This is normal.
When charging is finished, disconnect the AC socket from the charger and your phone.
**Note**: Please place your phone at the ventilated place with the temperature ranging from -10°C to +55°C. Use the provided charger only. Using unauthorized chargers may cause danger and violate the warranty rules of the phone. If charging causes too high or low temperature, the device warns automatically and charging is stopped, avoiding damages or dangers.

# 2. Connecting to the network

## 2.1SIM card

Please insert a valid SIM (subscriber identity module) card into the phone before use.
Everything about setting connection to the network is saved in the SIM card, together with the information of contacts' names and phone numbers in Phone Book as well as messages. Do not touch the metal surface of the card in case that information in the card may be lost or destroyed. Keep the card away from electricity and magnetism. This cell phone is dual SIM, one standby.

## 2.2 Installing and removing the SIM card

- Power off your phone; remove the battery; disconnect other outer power sources.
- Plug an SIM card into the SIM slot.
- Please power off your phone and remove the battery before you remove the SIM card.

## 2.3 Installing and removing the memory card

- Power off your phone; remove the battery; disconnect other outer power sources.
- Insert the memory card into the corresponding card slot.
- Please power off your phone and remove the battery before you remove the memory card.

## 2.4 Switching on/off the device

Press and hold the End key to power on/off your device. The device will automatically test whether the SIM card is plugged in after power-on. If there is no SIM card, the device will prompt you to "Insert the SIM card". Then, the screen will display the following messages in turn:
**Input password** –if the password of the phone has been set.
**Input PIN** –if the password of the SIM card has been set.

**Search** –the phone starts search signals until a proper network is found and connected.

## 2.5 Unlocking the SIM card

By setting PIN (personal identification number) code of the SIM card, you can protect your SIM card from illegal use. After this function is activated and the PIN protection code is set, you have to input the PIN code to unlock the SIM card for regular use every time you power on your phone.

Users can clear the code. In this condition, the SIM card cannot be protected from illegal use.

- Hold the End key to switch on the phone;
- Input the PIN1 code, press "Clear" to erase the input errors and "Ok" to stop. For example, to set the PIN1 as "1234", input 1, 2, 3, and 4 in turn; then, press "Ok".

If you enter an incorrect PIN code three times in a row, the network will lock your SIM card and the phone will ask for PUK1 code.

**Note**: Your network service provider will set a standard PIN code (4-8 digits) for your SIM card. Please change it with your private password soon.

## 2.6 Unlocking the device

By setting the password of the phone, you can protect your device from illegal use. After this function is selected, you have to input the password to unlock your phone for regular use. Users can deactivate the phone lock code. In this case, your device may not be protected from illegal use.

- Hold the End key to switch on the phone;
- Input the phone password. To clear the error inputs, press "Clear", to end inputting, press "Ok".

For example, if the password is set as "1122", enter 1, 1, 2, and 2 in turn and press "Ok".

If you forget your phone's password, please contact with the dealer or the authorized local customer service center.

## 2.7 Connecting to the network

After the SIM card is unlocked, the mobile phone will automatically search for the network and the screen displays a searching mark. Once connected, the name of the network provider appears at the central top of the text and image area. Now you are registered on the network.

**Note**: The prompt of "SOS" (Emergency call available) shown on the screen indicates that your phone is beyond the network service area or your card is not validated. However, you still can make an emergency call according the signal strength.

## Handset appearance

# Basic Features

# 1. Making Calls

Once the mark of the network provider appears on the screen, you can make or answer a call. The signal bar on the upper left corner of the screen shows the strength of your phone's connection to the network. The appearance of four bars indicates the strongest signal.

The performance, which can be affected by barriers, may be improved from moving within a small range.

## 1.1 Making DDD

1.1.1 **Enter telephone number-by-number keys.**

Press the Call key to make a call. To change a phone number, press the right soft key to clear the number. During dialing, a corresponding animation displays on the screen. Once the other party answers, the screen displays the call status. If the number does not belong to the Phone Book List, the screen of your device only displays the other party's number. Otherwise, the name would be displayed. If the number is saved by your phone, its type (Mobile phone/Home Number/Office Number, i.e.), email, caller picture, and caller group also display on the screen.

## 1.2 Dialing an extension number

For extension number, you have to dial the telephone exchange; then, press * Key to switch in a row until "P" shows on the screen. Now you can call an extension.

Allow you to follow the sequence below to call can extension:

Area code, telephone exchange, extension number, and Call key.

## 1.3 Making IDD

Press *** Key** and release it to enter the character "+" which replaces the international access code. This allows you to make a call towards any country without knowing the local international access code, for instance, it is "00" in China.

Allow you to follow the sequence below to make an international call: "+", country code, whole telephone number, and Call key.

After inputting the access code, enter your required country code and the complete telephone number. The country code follows the regular practice, such as 49 for German, 44 for Britain, and 46 for Sweden.

Omit "0" in front of a city code while dialing the number just as you dial the international call.

For instance, to dial the number of Shanghai Service Hotline from other country, just dial: +86 21 114.

### 1.4 Dialing the number in the list

All calls you have made or received are saved in the list of Call History. The recently dialed, received, and un-answered numbers are grouped as Calls Dialed, Calls Received, and Calls Un-answered. When the list is full, old numbers will be deleted automatically. To view the list for the following key operations,

- Press the Call key in standby mode to view all call logs.
- Allow you to press Call key to dial any number in the list directly.
- When a number list appears, press Ok to view details. Then, press Option to select an operation like saving the number or delete the number.

## 2. Making an emergency call

As long as the network service is available, which can be checked via viewing the signal strength bar at the bottom left corner of the screen, you can make an emergency call. If your network provider does not provide roaming service in the area, the screen will only display “SOS” (Emergency), indicating that you can make emergency calls only. If you are located in a service area of the network, emergency calls can also be made without an SIM card.

## 3. Answering a call

Press the “Call” key or “Answer” key to answer an incoming call. If an earphone is installed, you can use the key on the earphone to receive a call. For inconveniences, enable the auto answer mode and confirm that the earphone has been installed. Then, your phone will automatically answer an incoming call after the ring or vibration. If “Any Key” in the Answer Mode menu is selected, you can press any key in addition to the End key to receive a call.

## 4. Call history

Your device is able to save information like the recently Un-answered Calls, Received Calls, Dialed Calls, the Last Call Time, Total Sent time, Total Received time.

## 5. Call options

During a call, press “Option” to access the call options or “H-Free” to activate hands-free function. To turn off the loud speaker, press the same key. For the operations of call options, refer to that of the function menu.

This feature is only available during a call. Besides, other functions like call waiting and call holding require the support of the network. Please contact your network supplier.

In the Option, you can select

- Hold single call
  To pause the current call.
- End single call
  To end the current call.
- New Call
  To enter a new interface for you to dial another telephone number.
- Phone Book
  To access the phonebook menu.
- Messages
  To access the SMS menu. Because the network service is under use during a call, the SMS function is not available at this time.
- Sound recorder
  To make a sound record of the dial.
- Call Background sound
  To make a setting of background sound.
- Mute
  To implement on-off settings. The local sound will not be sent while the Mute option is selected.
- DTMF
  To implement on-off settings. When during calling，can send the audio signal that you press the key to others, that function can used phone bank and auto RSP etc.

# Description of Function Menu

# 1. Multimedia

## 1.1 Fun & Games

To enter the function to play the games and have a setting of the games. For details about the operation, refer to the corresponding menu.

## 1.2 Camera

Press the Left Soft key to access the <Camera > function.
In other way, you can also press Option in the preview mode to have the following options: to Photos, Camera Settings, Image Settings, White balance, Scene mode, Effect Settings, set frame, storage and Restore default.

## 1.3 Image viewer

By selecting image viewer submenu, it's very convenient for you to view the photo list taken by the camera that are saved in the album, and you can view, edit, browse style, use as, send, Rename, delete ,delete all files , sort by, and storage.

For using and forward option, you can select to use as to the wallpaper, to Screen

saver, to Power on display, to Power off display, caller picture.

## 1.4 Video recorder

Your phone has Video Recorder function. To enter the Multimedia function，choose Video Recorder to enter.

In the Video Recorder interface, press the middle key to start，press it once again to pause；press right key to stop. Simultaneity, up and down key to adjust the focus; left or right key to have a choose of the EV.

press〈option〉to enter the submenu：

- CamCorder Settings：You can have such settings below:
  White Balance：to choose Auto、Daylight、Tungsten、Fluorescent、Cloudy、Incandescent，to adjust the lighteness of images.
  EV：to have a choose of EV.
  Night Mode：to turn Night Mode on/off.
  Anti-flicker：to have a choose of 50Hz or 60Hz.
- Effect Settings：to choose a setting of images.
- Storage: to choose phone or memory card.
- Restore Default：to have the settings restore default.

## 1.5 Video Player

Select Video Player submenu to access movie list and you can access “Option” for the following operations:

- Play: Shift from the player to Video player list to display the video files in the current list.
- Use as: to caller video.
- Send : as multimedia, via Bluetooth.
- Rename: Change the name of the current video file.
- Delete: Press it to delete the current video files.
- Delete all files: Allow you to delete all video files.
- Sort by: Press to sort the video files by name, by type, by time, by size, or none (At random).
- Storage: to choose phone or memory card.

## 1.6 Photo editor

### 1.6.1 Photo artist

Allow you to select from file,capture from camera, resize image to choose the photo. And then choose auto resize,main LCD clip, manual clip to edit the photo. Press “Option” for the following operations:

- Save as: to choose stored folder and edit filename to save the file.
- Send: to choose as multimedia message or via bluetooth.
- Add frame: to choose frame for the current photo.
- Add icon: to choose icon for the current photo.

- Add text: to edit the text and choose the text style for the current photo.
- Mirror: to horizontal rotate the current photo.
- Rotate: to rotate the current photo.
- Add defect: to add masaic for the current photo.
- Redeye reduction: choosing an area to reduce redeye, it will show the result of processed after selecting done.
- Expand canvas: to expand the current to whole canvas.
- Undo: to cancel the last step operation.
- Exit: to exit photo artist.
- Help: to have a check of help.

### 1.6.2 Image tiles

Allow yout to choose 2 image tiles, 4 image tiles, 9 image tiles to edit the image.

## 1.7 Audio player

In the interface of music broadcaster, use UP/DOWN key to play or stop playing music; Use the 2,8 key to adjust volume; In the interface of music broadcaster, press “options” to access current play list of cell phone. In the Option menu, you can play the music file in the list, view the details, add music into the ring tone database, refresh the play list and set operations.

Specific settings in the setting options of a certain music file:

- Pre.play list: to choose phone or memory card.
- List auto gen.: Make the switch setting of this option. When this function is set as ON, you can make the operation of “Update Play List” to update the music files in My Music directory in the [File Manager]\Memory Card into the play list without manual aid. When this function is set as OFF, you can select the music files in the added file folder in the Option into the play list, move the single music files in the play list and delete all music files in the play list.
- Repeat: Allow you to set the repeat play mode of music, separately use Left/Right key to set it as OFF (No Repeated Play), repeat single music and repeat all.
- Shuffle: set the play sequence, separately set as ON (Random Play) and OFF (play as per the current list sequence).
- Background play: choose this function; you can play the music when in other operations. (Except mute operation, camera operation and record operation.)
- BT stereo output: to turn it on/off.
- BT stereo headset: display the status of the headset.
- Lyric display: on/off.

## 1.8 Sound recorder

Press left soft key to access recording options

- recording: you can record (new recording), play, Append, rename, delete, delete all files, settings, use as, send. For using and forward option, you can select the recorded voice for user profiles and send as multimedia message and Bluetooth.

### 1.9 FM radio

Allow you to access to FM broadcasting with your cell phone.

- Channel list: Allows you to save 9 channels into the list.
- Manual input: Allows you to input the desired frequency modulating broadcasting programs manually.
- Preset Auto search: Select Preset Auto Search Setting List, then it will receive the frequency modulating broadcasting information according your location and save into the channel list.
- Settings: Allows you to set the background play as ON or OFF, Loud speaker as ON or OFF, Record format and Audio quality, record storage.
- Record: Allow you to have a record of the channel.
- Append: Allow you to continue to record in saved file.
- File list: Display all of the recording documents.

### 1.10 Schedule FM Record

This option is used for timing recording FM frequency modulating programs.

### 1.11 Melody composer

Press left soft key and confirm to add new ring tones, then the stave interface will appear, you can use the number keys to edit your desired music and then press left soft key "Option":

- play: you can play the music you just edited.
- play speed: you can set the play speed as fast, medium and slow .
- Select instrument: Allows you to select your favorite music instrument to play, including guitar, violin, flute, Trumpet,etc.
- save: you can save the music you just edited.

## 2. Phone Book

This allows you to save information like names, phone numbers, and mobile phone numbers.

The phone numbers can be saved to your device or the SIM card. 1000 records can be stored in the device. For the SIM card, the quantity of the records depends on the capacity of the card.

### 2.1 Quick Search

Allow you to view all records in the phone book. In this interface, you can enter through the alphabet to find records. For the current number, you can SIM1/SIM2, Send SMS, Send MMS, View, Edit, Delete, Copy, Move, Send vCard etc.

### 2.2 Search contact

Search your required records in name mode.

## 2.3 Add new contact

Add a new entry in the directory To SIM or To Phone.

If saved To Phone, you can also set the items below besides information of Name, Number, Home Number, Company Name, E-mail Address, Office Number, Fax Number, and Birthday.

- Caller Picture: Set a caller picture for the current phone number. Allow you to choose a photo from the preset ones in the device or select a successfully previewed one with a proper size from File.
- Caller video: Set a caller video for the current phone number. Allow you to choose a video from the preset ones in the device or select a successfully previewed one with a proper size from File.
- Caller ringtone: Set a ring caller ID. Activate/deactivate the ring tone from the preset ones in the system or the folder of Files. (Note: The files in Files can only be selected after being sent to profile.)
- Caller Group: Group the phone number in phone book as you like.

## 2.4 Copy all

Allow you to copy all records in the SIM card to your phone or vice versa.

**Note**: Only the name and phone number of the contact are copied into the SIM card from the device.

## 2.5 Delete

Allow you to delete all records or one by one in the SIM card or the phone.

## 2.6 Caller groups

Mobile phones support caller group function. In the caller group interface, select a group to view and edit the details. They include entries like the Group Name, Caller ringtone, Caller picture, Caller video, and group Members. Allows you to edit these entries, in which the picture can be selected from the File Management folder with proper size, and add or delete a group member.

**Note**: Only the phone number recorded by your device can be increased or decreased.

## 2.7 Extra numbers

Allow you to Edit and Erase the Owner Number. Allow you to select the local number, service dialing number and SOS number.

## 2.8 Phonebook Settings

- Memory Status: Allow you to view the storage capacity of the phone and the SIM card, as well as the space occupied.
- Preferred Storage: Allow you to default a position (SIM or Phone) to save the phone numbers or select one while saving a number.
- Fields: Allow you to select the home number, company name, Email address, office number, fax number, birthday, caller picture, caller video, caller

ringtone and caller group, etc.

- My vCard: Allow you to edit My vCard and Send my vCard.
- vCard Version: Allow you to choose vCard 2.1 or vCard 3.0.

### 2.9 Caller Picture

Caller Picture: Set a caller picture for the current phone number. Allow you to choose a photo from the preset ones in the device or select a successfully previewed one with a proper size from File.

### 2.10 Caller ringtone

- Set a ring caller ID. Activate/deactivate the ring tone from the preset ones in the system or the folder of Files. (Note: The files in Files can only be selected after being sent to profile.)

### 2.11 Caller video

- Set a caller video for the current phone number. Allow you to choose a video from the preset ones in the device or select a successfully previewed one with a proper size from File.

# 3. Call center

### 3.1Call history

#### 3.1.1 SIM1 Call history

To view information about call records, select Call History in the main menu. The information includes the Missed Calls, Dialed Calls, Received Calls, Delete Call Log, Call Timers, Call Cost, SMS Counter, and GPRS Counter etc.

- SIM1 Missed calls: check the list of missed calls.
- SIM1 Dialed calls: check the list of dialed calls.
- SIM1 Received calls: check the list of received calls.
- Delete SIM1 call logs: to delete all the record.

Choose one record, you can check the detail, including date, time, number, call times, and the call duration.

There are the following operations to the detailed information:

- Delete: delete the record
- Save to phonebook: save the number to SIM or phone book.
- Call: dial the number.
- Edit: edit the number and save it to phonebook or send SMS, send MMS.
- Send text message: send a new short message to this number.
- Send multimedia message: send a new multimedia message to this number.

SIM1 Call timers: There are four submenus of the call duration.

- Last call: the duration of last call.
- Dialed calls: call duration for all the dialed calls.
- Received calls: call duration for all the received calls.

- Reset all: clear all the data and begin to recount.

SIM1 Call cost: There are five submenus of the call cost.

- Last Call Cost：to show Last Call Cost.
- Total Cost：to show Total Call Cost.
- Reset Cost：to input PIN2 code，reset the register and restart to count.
- Max Cost：to view, edit or cancel this function. to edit or cancel the function must input the PIN2 code.
- Price Per Unit：to browse, edit or cancel this function. to edit or cancel the function must input the PIN2 code.

Note：the function may ask you to input PIN2 code，please contact with your network service provider to get the password.

SIM1 SMS counter: There are two submenus of the call cost.

- Sent: to show Total Sent.
- Received: to show Total Received.

SIM1 GPRS counter: to check the list of GPRS counted.

- Last sent: the characters sent last time.
- Last received: the characters received last time.
- All sent: all characters sent.
- All received: all characters received.
- Reset counter: clear all data and restart counting.

### 3.1.2 SIM2 Call history

The same as SIM1 Call history.

## 3.2 Call settings

### 3.2.1 SIM1 Call settings

**Caller ID**

You can select the presetting of system, hidden numbers or send numbers provided by the network operator.

**Call waiting**

You will be notified for a new call during the current one after this function is activated. For more information, contact your network provider.

**Call divert**

This service enables you to forward an incoming call of a certain business to the telephone number you specified. This service requires the support of the network. Contact your network supplier to open this service.

Allow you to select any one from Divert All Voice Calls (A forwarding icon displays at the status bar in standby mode after it is activated), Divert If Unreachable**,** Divert If No Answer, Divert If busy, and Divert All Data Calls.

Then, the following options appear.

- Activate: Allow you to set the Divert Number.
- Deactivate: Allow you to cancel call-forwarding service.
- Query Status: Allow you to check the status of the service.

To bar the functions above while not in need, select Cancel All Divert.

**Call barring**

Access the submenu, and you can set the following items to improve the security. Some network providers may not offer this service. For more information, contact your network supplier. Your network provider will provide you with a four-digit password to activate this service. Enter the menu, and then you have the following items.

- Outgoing Calls: Allow you to activate, deactivate, or check this restriction towards all calls, International Calls or International Calls except to Home Country.
- Incoming calls: In this menu, you can activate, deactivate, and check the restriction of all incoming calls, i.e. bar All Calls; or activate, deactivate, and check all incoming calls When Roaming.
- Activate all: Allow you to activate all call barring services by inputting your password.
- Cancel All: Allow you to cancel all call barring services by inputting your password.
- Change Barring PW: Enter the old call barring password and then the new one.

**Line Switching**

You can select to switch over Line 1 and Line 2.

### 3.2.2 SIM2 Call settings

The same as SIM1 Call settings.

### 3.2.3 Advance settings

#### 3.2.3.1 Black list

The firewall function could help to realize the call rejection, the black list number will not be reminded for its calling, instead of ending the current call and the call is recorded in the rejected history list.

- Reject from list
  To turn on /off
- Black list number
  To setup the black list

#### 3.2.3.2 Auto redial

Set it as Open or Off to activate or deactivate this function.

#### 3.2.3.3 Speed dial

Allow you to set status, speed dial list and 8 speed dial calls. Set it as on to access the standby interface, hold down the number from 2to 9, and you can directly allocated by the set of numbers.

#### 3.2.3.4 Background sound

Allow you to have a setting of background sound.

#### 3.2.3.5 Call time display

Allow you to activate or deactivate this function.

#### 3.2.3.6Call time reminder

This prompts you of the call duration of a certain period. Enter this menu, and you will have the following options.

- Off: Deactivate the function.
- Single: Input any numbers between 1 and 3000 (Unit: second) to set a period for the hint.
- Periodic: Input any digits between 30 and 60 (Unit: second) to set a cycle for the hint.

#### 3.2.3.7 Auto quick end

Set it as On or Off , and the period of 1 to 9999 seconds.

# 4. Organizer

Allow you to use various daily tools like outdoor tools, Calendar, To Do List, and Alarm clock, etc.

## 4.1 Bluetooth

- Power : Allow you to switch on/off Bluetooth.
- Inquiry audio device: Allow you to find all other Bluetooth hands-free devices within the allowable scope of Bluetooth, and list all items; You can connect and match the hands-free device in the list (the green Bluetooth connection icon would appear in the status column on the top of screen).
- Remote control：the device can control the pc to play music and video etc.
- My Device: It would display the history records of various devices connected to the Bluetooth for the following operations of the devices in the records:
- Active device: To display the devices and services in connection and disconnect them.
- Settings: Allow you to make the following operations: this cell phone may be searched; Device names of this phone; Authentication demand; Identified voice path; File transmission setting etc.
- About : To display the device names of this phone, Bluetooth device address of this phone and services supported by the device.

## 4.2 Calendar

In the submenu, the screen displays the calendar for the current month and the

actual date is marked with special color background. To view the date, press the Up/Down/Left/Right key. The calendar information refreshes upon your operation.

### 4.3 Tasks

All your schedules are recorded in this entry. You will be reminded of your arrangement according to the mode you have set.

### 4.4 Alarm

Five alert types and power-off alarm are supported. In the alarm clock list, select one to set the following entries, On/Off, 00:00 (Time), Repeat, Snooze, and the Alert Type. The Repeat entry can be set as Once, Everyday, and Days (working days, defaulted as Monday to Friday, however, the option can be customized).FM radio can be set as the alarm clock.

### 4.5 World clock

You can view the time around the world.

### 4.6 Calculator

The phone provides you with a calculator featuring basic functions.

To perform addition, subtraction, multiplication, and division,

press corresponding direction key.

Note: This calculator features rounding error due to limited accuracy.

### 4.7 Unit Converter

Input the current exchange rate to convert between weight and length.

### 4.8 Currency Converter

Input the current exchange rate to convert between the local currency and foreign currencies.

### 4.9 Health

You can view the physical quantity indices.

### 4.10 Stopwatch

Press Up/Down key to select the Typical stopwatch or nWay stopwatch.

Typical stopwatch including separate timing, timing with cycles and view records.

nWay stopwatch: Press Up/Down/Left/Right navigation key to start timing. Press left soft key to pause or continue, hold the Right key return to zero when stop position.

### 4.11 E-book reader

Please save the files in E—book.txt format into E-book files with the function of File Management.

Press left soft key to confirm to access electric book interface, you can select to open the ebook, global settings, book info, delete, delete all files, sort by , apply

global settings and help.
Upon viewing the contents, press Up/Down key to view the contents. Press left soft key to access find, jump to, go to bookmark, add bookmark, delete bookmark, book info, settings, apply global settings, help and close the operation.

### 4.12 Head lamp

To turn on /off.
And in any interface long press ok key or press the lamp key on the left side of your handset to turn on/off it.

# 5. Messages

## 5.1 SMS

### 5.1.1 Write message

Access the SMS editing interface to write the text. To select an option, press Option.

- Done: Upon finishing editing, you can select Option for the following operations: Send only, Save and send, Save, Send to many, and Send by group.
- Use templates: In the default cursor, add the commonly used phrase.
- Insert object: to insert a picture, animation or something to the message.
- Text Format: to define the text format.( text size/ text style, alignment, and new paragraph)
- Insert number: Allow you to select number from the phone book.
- Insert name: Allow you to select name from the phone book.
- Insert bookmark: Allow you to add bookmarks.
- Input method: Various input methods for options.

### 5.1.2 Inbox

Select it to view the received messages.

While viewing the message list, use the Up/Down key to select the previous or next message. To read a message, press “Ok”. In this interface, press Option and you will find the following entries : Reply , Delete , Forward , Copy to Phone/SIM ,Move to Phone/SIM , Delete All, Copy all, Move all , Use Number , Use URL, chat.

### 5.1.3 Outbox

Select it to view the messages you save in the device or the SIM card.
While viewing the message list, press “Ok” to read details.
While reading a message, you can press ”Option” to select your required operation as Send from SIM1/ SIM2, edit, Delete , Copy to Phone/SIM ,Move to Phone/SIM , Delete All, Copy all, Move all , Use Number , Use URL.

### 5.1.4 Templates

There are several short sentences as default SMS that could be deleted or edited.

### 5.1.5 SMS settings

Corresponding settings are required before your operation. Access the submenu to set the following items.

- Profile Settings: Please contact your local network supplier to get the number of SMS service center. Access the submenu, and the mode list appears. The mode number varies with the different network supplier and the SIM card. Select a mode. Then, press Edit to set the Profile Name, SC address, Validity Period, and Message Type in turn.

**Note**: the network operator should support Functions like the expiry date of the message, the fax, message call, and the e-mail.

- Common Settings: Allows you to activate or deactivate the Delivery Report and Reply Path.
- Memory Status: Displays the occupied memory of your SIM card or device in n/m.
- Preferred Storage: Allows you to default a position (SIM card or the device) to save your MMS. Storage location: Allows you to select to save to SIM card or cell phone.

## 5.2 MMS

MMS refers to the multimedia messaging service. It stands out with the multimedia feature, capable of sending information of various multimedia formats like characters, images, and sounds.

The network operator should support this service. Make sure whether your SIM card supports it or contact a corresponding operator before use.

If your phone supports this feature, you can send and receive multimedia messages after necessary settings.

Access the submenu of MMS, and you will find Write Message, Inbox, Outbox, Drafts, Templates, and MMS Settings.

### 5.2.1Write message

Access the MMS editing interface. To add the addressee's number or Email. In addition, you can edit the subject and content. Select "Edit content" to enter into editing interface. You can do the following operation:

Add number: Allows you to add recipient's numbers.

Add Email: Allows you to add recipient's email.

Edit: Allows you to edit selected number of recipients.

Delete: Allows you move the current number of recipients out of the recipient list.

Access the MMS editing interface to write the text. Press “Option” to access the following interface:

- Done: Upon finishing editing, you can select Option for the following operations: Send only, Save and Send, Save to Drafts, Save as template, Send options, and Exit.
- Input method: Various input methods for options.
- Add picture: Allow you to add pictures.
- Add audio: Allow you to add voice files.
- Add video: Allow you to add images.
- Add attachment: Allow you to add attachment.
- Add slide before: Allow you to add a new page in the front of the previous one.
- Add slide after: Allow you to add a new page in the back of the previous one.
- Add bookmark text: Allow you to add the bookmarks saved in WAP.
- Preview: Allow you to preview multimedia message.
- Slide timing: Allow you to set up the slide time when you preview multimedia message.

Upon finishing editing, you can select Option for the following operations: Send only, Save and Send, Save to Drafts, Save as template, Send Options and Exit.

**5.2.2Inbox**

All received messages are stored in the Inbox. Allow you to perform the operations towards the current MMS, such as delete, view and so on.

**5.2.3Outbox**

The Outbox saves all messages that are sent while selecting the entry Save.

**5.2.4Drafts**

The messages unprepared for sending are stored in the Draft, waiting to be modified and sent.

**5.2.5Templates**

Five multimedia messages are preset in the phone. Allows you to view and edit the message, as well as access them directly.

**5.2.6MMS Settings**

- Compose: Allow you to set the creation mode, picture resizing, best page time, auto signature, signature.
- Send: Allow you to set the validity period, delivery report, read report, priority, slide timing, delivery time.
- Retrieve: Allow you to set the home network, roaming, and read report and delivery report.

- Filter: Allow you to set the options of Anonymous and other information you want to filter.
- Server profile: to choose SIM1 or SIM2.
- Memory Status: Allow you to view the memory occupation.

### 5.3 Chat

Allows you to set two rooms and establish “My nickname” and “Destn. Number”. Then, you can start chatting with the other party using messages.

### 5.4 Voice mail server

If you cannot answer a call, you can ask the other party leave a message to you via this service. Then, access the Voice Mail Server to listen to the message. The network operator should support this service. Thus, you need to apply for activation before use.

### 5.5 Broadcast message

The broadcast messages refer to the public messages sent by the operator. This service enables you to receive information relating to subjects like whether, taxi, and hospitals from the operator. For the available subject information, consult your network supplier.

## 6. File manager

Access the submenu, and you will find the entry of phone operating system, Phone, and Memory card (if available). On the top of the interface displays the total memory space and the remained space of the selected disc. Press “Option” to have the following operations:

- Open: Press to list the contents and file under the menu.
- New folder: Edit a name to create a folder.
- Rename：Change the name of the current folder.
- Delete: Press it to delete the current folder.
- Sort by: Press to sort the folder and files by name, by type, by time, by size, or none (At random).Select a file. Then, press Option to display the following options.

## 7. Services

Press the Left soft key to access the function menu interface. Please choose the network service and press the left soft key to access the service menu interface.

If your SIM card and the service provider support the service, you can access through mobile phone. If you want to get more information ,please contact with the supplier.

### 7.1 wap

- Homepage: select this menu; you can enter the default website to get the

information about entertainment, movies, fashion, friends, games, etc.

- Bookmarks: to enter the default WAP website.
- Recent pages: to check the recently-entered websites in this menu.
- Offline pages: to check the websites saved in this menu.
- Input address: input the address of the website you want to surf.
- Service inbox: to store the push messages.
- Settings: select SIM, edit account, browser options, service message settings, clear cache, clear cookies, etc.

### 7.2 Data account

#### 7.2.1 GSM Data：

- Account name：the name of the account，choose edit to amend.
- number：the number of the account.
- user name：the name of dial-in service（not WAP gateway）.
- password：the password of dial-in service（not WAP gateway）.
- line type：to choose line type，analogue or ISDN.
- speed：to choose the speed.
- Primary DNS：Primary IP address.
- Secondary DNS：Secondary IP address.

#### 7.2.2 GPRS data：

- Account name：the name of the account，choose edit to amend.
- APN：input APN.
- User name：the name of dial-in service（not WAP gateway）.
- password：the password of dial-in service（not WAP gateway）.
- Auth.Type：to choose the type of the authentication.
- Primary DNS：Primary IP address.
- Secondary DNS：Secondary IP address.

## 8. User Profiles

Several customized scene modes are provided to users, to choose the different mode for the different environment, such as General , meeting , outdoor, indoor, headset, Bluetooth type, and tone setup, volume , alert type, ring type, extra tone ,answer mode. could be adjust as needs.

# 9. Settings

Select “Settings” in the Main Menu. Then, you can perform Dual SIM setup, Phone Setup, Network Setup, Security Setup, and Restore Factory Settings etc.

## 9.1 Dual SIM settings

Dual SIM open, only SIM 1 open, only SIM 2 open, flight mode.

## 9.2 Phone setup

**9.2.1 Time and Date**

Allow you to Set home city，Time/Date ,Set Format.

**9.2.2 Schedule Power On/Off**

Four-time entry is provided for you to edit. The phone can be switched on or off as you preset.

**Note**: If the time options are set same, they may not be activated at the same time. This may cause a conflict.

**9.2.3 Language**

Allow you to set the display language, about 11 languages .

**9.2.4 Preferred Input Method**

Various input methods are provided for you to choose.

**9.2.5 Display setup**

You can set Wallpaper, Screen Saver, Power on Display, Power off Display, Show Date and Time, and Show Owner Number, and clock type.

**9.2.6 Greeting Text**

Allow you to edit the greetings displayed upon the device is switched on.

**9.2.7 Dedicated key**

Set the navigation key as the appointed function.

**9.2.8 Auto update of date and time**

Allow you to set this function as ON or OFF.

**9.2.9 UART setup**

Allow you to choose SIM1 or SIM2.

**9.2.10 Misc.settings**

**LCD Backlight**

Allow you to set the time of the LCD back light and Brightness.

## 9.3 Network Settings

**9.3.1 Network selection**

For the Selection Mode, you can switch between Manual and Automatic. User could choose SIM 1 network or SIM 2 network for setting.

**9.3.2 Preferred networks**

Select the favorite network operator, the one displayed in default status is the local network current used in SIM card. Click options to access the following operations:

- Add from list: To display all PLMN list, totally 223.
- New: To add networks and priority of use.
- Change priority: To set the priority of network.
- Delete: Delete the favorite network used currently.

Note: The network operator may decide whether to provide this service.

## 9.4 Security setup

The settings of the security options of your phone will protect your device or SIM card from illegal use.

### 9.4.1 SIM 1 security setup

**SIM1 lock**

To turn SIM1 lock on or off.

**Fixed dial**

If supported by your SIM card, you can select some telephone numbers to dial. If this service is activated, you can only dial the telephone number in the FDN list or the number started with some numbers in front of the telephone number in the list.

Access the "Fixed dial" submenu, and you can set the following items.

- Mode: Enter the PIN2 code to switch on or off this service.
- Fixed Dial List: Press Ok to enter the menu of the FDN list. Press Option to Edit or Delete the number. If the list is empty, press Add to add phone numbers into the list.

Note: The PIN2 code is required to switch on or off this service. Please contact your network supplier for the code. After it is activated, the Phone Book displays the number in the list.

**Barred dial**

If supported by your SIM card, you can bar some telephone numbers to dial. If this service is activated, the phone will be barred to dial the number you have set.

**Note**: The PIN2 code is required to switch on or off this service. Please contact your network supplier for the code. In addition, the phone number you have set will not display in the Phone Book.

**Change password**

It's impossible to change the password of SIM1 and SIM2, with the passwords more than 4 numbers and less or equal to 8 numbers with confirmation to change the password successfully.

### 9.4.2 SIM 2 security setup

The Same as SIM 1.

### 9.4.3 Phone lock

Your phone can be protected from being stolen and used by this function.

Access the submenu, and you can set the following items:

Allow you to select On and enter the Phone lock code. Next time you power on the device, a correct password is required. If the Phone lock has been activated,

you can choose Off to deactivate the protection.
**Note**: The Phone lock code as default is 1122.

**9.4.4 Auto Keyboard lock**

Allow you to choose close, 5 seconds, 30 seconds, 1 minute or 5 minutes.
In the standby screen manually lock the keyboard is defined as:
Hung up key & # key
Manually unlock is defined as： Right soft key & # key

**9.4.5Change password**

Allow you to change the phone password.

### 9.4.6 Restore factory settings

In this menu, enter the phone password and press Ok. Then, the settings of corresponding parameters will be restored as default.

# 10. Input Method

## 10.1 Overview

Your device supports the following input methods: English (ABC and abc), numbers, and symbols,etc.

## 10.2 Key definitions

**Ok key**: In the interface of Input Method, press Ok to select your required method. While editing a message, press it to access the "**Option**" submenu, and finish editing or enter the EMS menu for edit.
**Navigation key** (**Up/Down/Left/Right key**): Press to move the cursor or for selection.

## 10.3 Instructions on input method

### 9.3.1 English

For this input method, the keypad is defined as below.
For the keypad definition in English input mode, including Capital English input and Normal English input, refer to the table below. In the column of "Corresponding character or function", the mark ";" works as the division for Smart English ABC and Smart English abc. When there is no semi-colon, it indicates that the two corresponds to the same characters:

| Key name | Corresponding character or function | Description |
|---|---|---|
| Number key "0" | 0, space | |
| Number key "1" | Symbols | |
| Number key "2" | ABC2; abc2 | |

| | | |
|---|---|---|
| Number key “3” | DEF3; def3 | |
| Number key “4” | GHI4; ghi4 | |
| Number key “5” | JKL5; jkl5 | |
| Number key “6” | MNO6; mno6 | |
| Number key “7” | PQRS7; pqrs7 | |
| Number key “8” | TUV8; tuv8 | |
| Number key “9” | WXYZ9; wxyz9 | |
| * key | Call the symbol input box | |
| # key | Change the input method | |
| Up key | Move the cursor upward | |
| Down key | Move the cursor downward | |
| Left key | Move the cursor leftward | |
| Right key | Move the cursor rightward | |
| Right soft key | Back or Clear | |
| End key | Return to the standby mode | |

### 9.3.2Using the keypad

For general operations, refer to the part below.

- Each key allows you to input more than one character. Press a key repeatedly and fast until your required character shows.
- To enter an English punctuation or special symbol, press * key to show the special symbols input box in the English input mode, including capital mode and normal mode.
- To change an input method, press # key.
- To input a space in English input mode, press Number key “0” once.
- To clear one input error, press the Right Soft key. To clear all, press and hold the same key.

### 9.3.3 Number

Refer to the table below for key definitions in this mode.
For this input method, the keypad is defined as below.

| Key name | Corresponding character or function |
|---|---|
| Number key “1” | 1 |
| Number key “2” | 2 |
| Number key “3” | 3 |
| Number key “4” | 4 |
| Number key “5” | 5 |
| Number key “6” | 6 |
| Number key “7” | 7 |

| | |
|---|---|
| Number key “8” | 8 |
| Number key “9” | 9 |
| Number key “0” | 0 |
| # key | Change the input method |
| Up key | Move the cursor upward |
| Down key | Move the cursor downward |
| Left key | Move the cursor leftward |
| Right key | Move the cursor rightward |
| Left soft key | Ok |
| Right soft key | Back or Clear |
| End key | Return to the standby mode |

### 9.3.4Using the keypad

For general operations, refer to the part below.

- Press the Number key (0-9) to enter the corresponding number.
- To change an input method, press # key.
- To delete wrong inputs, press the Right Soft key to select Clear. Press and hold it to delete all.

### 10.3.5 Symbol

**Using the keypad**

To access the symbol box during editing mode, press * key. To select your required symbol, press the navigation keys. Then, press Ok to confirm.

# 11. Common Troubles and Trouble Removal

Prior to contacting the after-sales service providers, please make the following simple inspection to save the maintenance time and expenses for you as much as possible.

| Common Troubles | Causes and Resolutions |
|---|---|
| **Cannot be powered on** | ■ **Check if the pressing on the Startup Key for at least more than 1 second;**<br>■ **Check if the batteries are poorly contacted, please take out the batteries first and then re-load and then re-start up;**<br>■ **Check if the batteries are out, please charge them;** |
| **Impossible to connect network** | ■ **Signals are too weak, please try to another place with stronger signal;**<br>■ **The cell phone is out of the network coverage of network service provider;**<br>■ **SIM card is invalid, please contact your network supplier;** |
| **It display message upon startup** | ■ **Check if SIM card is installed correctly;**<br>■ **The auto lock function is selected, please input the cell phone password before use;**<br>■ **Input PIN and input PIN function is enabled for every startup, you must input PIN code;**<br>■ **Input PUK code: The cell phone will be locked when incorrect PIN codes are inputted for three times, you have to input PUK code provided by your network operator;** |
| **Poor quality of calls** | ■ **Please check if the volume is adjusted improperly;**<br>■ **When this cell phone is used in the areas with poor receiving signals, like near the high buildings or in the basements, the wireless electric wave cannot be transmitted** |

| | |
|---|---|
| | effectively;<br>■ When this cell phone is used in calling intensity period, like the rush hours, calling failure is caused by network congestion; |
| Standby time is curtailed | ■ Standby time is related to the system setting of network, maybe the cell phone is used in the area with poor receiving signals. Upon no signals, the cell phone will constantly launch signals to search for base station and batteries will run out, so the standby time is curtailed. Please use the cell phone in places with stronger signal or power off it;<br>■ Please replace batteries; |
| SIM card error | ■ There is filth on the metal surfaces of SIM cards, please use the clean cloth to wipe the metal contact point of SIM card;<br>■ SIM card is not installed well;<br>■ SIM card is damaged, please contact with your network service provider; |
| Calls cannot be dialed | ■ Please make sure if dial key is pressed after dialing;<br>■ Please make sure if calling is barred for charges in arrears;<br>■ Please make sure if SIM card is valid;<br>■ Please make sure if call barring function is set;<br>■ Please make sure if immovable dialing function is set; |
| The caller cannot contact you | ■ Please make sure if the cell phone is powered on and connected to network;<br>■ Please make sure if calling is barred for charges in arrears;<br>■ Please make sure if SIM card is valid;<br>■ Please make sure if call barring function is set;<br>■ Please make sure if immovable dialing function is set; |

| | |
|---|---|
| **It's cannot be charged** | ■ **Poor contact, please check if the plug is connected well;**<br>■ **Charge in the environment with the temperature lower than -10℃ or higher than 55℃, please change the charging environment;**<br>■ **Battery or charger is damaged, please replace it;** |

| | |
|---|---|
| **Some functions cannot be set** | ■ **Wrong operation;**<br>■ **The network supplier does not support this function or you have not applied for this function.** |

# Tool-box

You can choose the tool-box under main menu.

1. mosquito dispeller:

   when you start up this function, it can produce ultrasonic wave that is similar to the wave generated by a male mosquito flapping its wings, in order to drive off female mosquitoes, those who sting human.

2. Outdoor tools:

   There are three types of sensor set up in this mobile phone, including air pressure sensor, temperature sensor and direction sensor. These sensors work for providing instant air pressure, temperature, and function of electrical compass.

3. Measurement and settings of altitude, air pressure, and temperature:

   Get access to this by entering the main menu, selecting “tools”, then selecting “outdoor tools”, finally selecting pressure, “altitude and temperature” , it will present the local altitude, temperature and air pressure. The unit of altitude is meter (m). the unit of air pressure is hpa. 1 atm equals 1013.25hpa. You can also press the left soft button to get into altitude reference settings. By doing this, the error of measurement caused by the seasonal difference will be minimized.

4. Measurement of relative altitude:
   You can measure the relative altitude, which is the difference between the measured altitude value and the altitude reference. To set up an altitude reference value, just enter “relative altitude” under “outdoor tools”. Then press left soft button to set the current altitude as zero.

5. Measurement of temperature:
   The unit of temperature is ° C. Do not measure temperature after making a phone call or long time usage. To obtain precise temperature data, put the mobile phone in the measuring environment for half an hour.

6. Electrical compass:
there is a highly precise direction sensor in this mobile phone, which is able to detect the geomagnetic field. The magnetic north it points to is not exactly the same as the north in reality, but is very close to it. The figure above the compass is the angel between the head of the phone and the direction of magnetic north.

7. Direction standardization:
If you are skeptical about the direction measured, you can standardize the e-compass.
North standardization: from the main menu, enter "tools" → "outdoor tools" → "e-compass". Press "options" to get in to standardization page. Select "north standardization"